

Under the Paperwork Reduction Act of 1995, no persons are required to res Complete if Known Substitute for form 1449A/PTO Application Number PCT/US01/11825- 1003/, 216 INFORMATION DISCLOSURE Filing Dale 10 April 2001 First Named In Bonnie R. Hames STATEMENT BY APPLICANT Group Art Unit Not Yet Accorded (use as many sheets as necessary) Not yet Accorded Kraski Vi Examiner Name Attorney Docket Number Sheet 1 2 NREL IR 98-22

U.S. PATENT DOCUMENTS								
xaminer Initiale	Cite No.'	U.S. Petent Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Dale of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
<b>Y</b> 8) [	1	3,998,732		Solbach et al.	10/17/75			
$\cup$								
-								
			-					
-+					<del></del>			
-+					<del></del>			
$\overline{}$			$\neg$		<del>                                     </del>			
					1			

				FORE	GN PATENT DOCUMENTS	\$		
Examiner Initials*	Cite No.1		Foreign Patent Do		Name of Petentee or	Dete of Publication of	Pages, Columns, Lines, Where Relevant	т
		Office <sup>3</sup>	Number4	Kind Code * (if known)	Applicant of Ciled Document	Cited Document MM-DD-YYYY	Passages or Relevant Floures Appear	1
				-++		l ———		+
								t
		$\vdash$		-++		-	-	╁
$\Box$				$\Box$				#
								╁
_		$\dashv$						F
						LL		L

Examiner Signature	K-C-8000K	Date Considered	09/10	12003	
EXAMINER: Initial considered. Inclu	itial if reference considered, whether or not citation is in conformance with MPEF ade copy of this form with next communication to applicant.	609, Draw line th	rough citation if no	t in conformance and	i no

Burdon Hour Statement: This form is estimated to take 2.0 hours to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Plants and Tredemark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THE ADDRESS. SENT OT C. Assistant Commissioner for Petanis, Washington, DC 20231.

<sup>\*</sup>Unique cistion designation umber \*5ee eitschet Knde of U.S. Pelex Documents \*Exer Office that issued the document, by the two-later code (WIPO Standard ST.3)\* For all-appears parallel documents, be fedicated on the year of the right on the Emper name process that series number of the patient document. Knde of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible . \*Applicate its or place or document when the ITE fight is negarity of making the subsets.

Please type a plus sign (+) inside this b

10/031216 CAPCT/PTO/SB/088 Labs.) JAN 2002 and officer U.S. Order 100/1982 ONE 0051-0071 and officer U.S. Order 100/1982 ONE 0051-0071

nder the Paper	work Reduction Act of	1995	no persons are required to res	cond to a collection of information	untess it contains a valid OMB control number,			
Suberin	ale for form 1449B/PT	n		Complete If Known				
1				Application Number	PCT/US01/11825 (0/03/12/6			
INF	ORMATION	١D	ISCLOSURE	Filing Date	10 April 2001			
I STA	TEMENT F	37	APPLICANT	First Named Inventor	Bonnie R. Hames			
1 017		٠.	A. I CIOAIII	Group Art Unit	Not Yet Accorded 2657			
L	(use as many s	heet	s as necessary)	Examiner Name	Not Yet Accorded K.C.SRIVAST PH			
Sheet	2	Of	2	Attorney Docket Number	NREL IR #98-22			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite NO.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, megazine, journal, serial, symposium, calatog, atc), date, page(s), volume-lesue number(s), publisher, (ni) and/or country where publisher.	T2				
8		Perego, P. et al., "Acid hemicellulose hydrolysate: Physical treatments and continuous immobilized-cell fermentations," Bioprocess Engineering, 10: No. 1, 35-41 (1994)					
8	2	Parajo, J.C. et al., "Improved xylitol production with debaryomyces Hansenii Y-7426 from raw or detoxified wood hydrolysates," Enzyme and Microbial Technology, 21: No. 1, 18-24 (1997)					
8	3	Machdo, A.E.H., "Photocatalytic degradatio of lignin and lignin models, using titanjum dioxide: The role of the hydroxyl radical," Pergamon Press, Oxford, GB, 40: No. 1 115-124 (2000).					
X	4	Leonard, R.H. and Hajny, G.J., "Fermentation of Wood Sugars," Industrial and Engineering Chemistry, vol. 37, No. 4, 390-395 (1945)					
	Г						
	Г						
	Г		Г				
	Г						
	Г						

Examiner Signature	500	Date Considered	09/10	2003

<sup>•</sup> EXAMINER: Initial it reference considered, whether or not clastion is in conformance with MPEP 609. Oraw line through citation it not in conformance and not considered, include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will viery depending upon the neede of the individuel case. Any comments on the amount of time to you are required to complete this form should be sent to the Chief Information Officer, Petert and Trademark Officer, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 10. Assistant Commissioner for Peterts, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 10. Assistant Commissioner for Peterts, Washington, DC 20231 DO NOT SEND FEED RESPONDED TO THE PETER THE PETER

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check merk here if English tanguage Translation is ettached.